

Índice H de la UEX según Scopus

El Índice H de la UEX como Institución es de **182** (junio de 2021), según la base de datos SCOPUS, elaborada por la editorial Elsevier, para publicaciones entre 1976 y 2021 en las que al menos un autor pertenece o perteneció a la UEX.

Esto significa que la UEX tiene recogidas en esta base de datos al menos **182** publicaciones, que tienen **182** citas o más cada una, en las que participa algún autor vinculado a la misma.

Esta es la relación de publicaciones que permiten el cálculo del Índice H de la UEX en el portal SCOPUS. Son **182** referencias, ordenadas en orden descendente por el número de citas recibidas.

La última referencia es la que marca el Índice H pues es aquella en la que el número de orden es igual o superior al número de citas. Al mismo tiempo es la lista de los artículos más citados en SCOPUS de autores de la UEX.

Nº Orden	Publicaciones	Nº citas
1	Naghavi, M; Wang, HD; Lozano, R; Davis, A; Liang, XF; Zhou, MG; Vollset, SE; Ozgoren, AA; Abdalla, S; Abd-Allah, F; Aziz, MIA; Abera, SF; Aboyans, V; Abraham, B; Abraham, JP; Abuabara, KE; Abubakar, I; Abu-Raddad, LJ; Abu-Rmeileh, ... Murray, CJL (2015). Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>The Lancet</i> , 385(9963), 117-171. https://doi.org/10.1016/S0140-6736(14)61682-2	4399
2	Vos, T; Barber, RM; Bell, B; Bertozzi-Villa, A; Biryukov, S; Bolliger, I; Charlson, F; Davis, A; Degenhardt, L; Dicker, D; Duan, L; Erskine, H; Feigin, VL; Ferrari, AJ; Fitzmaurice, C; Fleming, T; Graetz, N; Guinovart, C; Haagsma, J,... Murray, CJL. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013 (2015). <i>The Lancet</i> , 386(9995), 743-800. https://doi.org/10.1016/S0140-6736(15)60692-4	3497
3	Klionsky, DJ; Abdelmohsen, K; Abe, A; Abedin, MJ; Abeliovich, H; Arozena, AA; Adachi, H; Adams, CM; Adams, PD; Adeli, K; Adhiketty, PJ; Adler, SG; Agam, G; Agarwal, R; Aghi, MK; Agnello, M; Agostinis, P; Aguilar, PV; Aguirre-Ghiso, J., ... Zughaiher, SM (2016). Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 12(1) 1-222. https://doi.org/10.1080/15548627.2015.1100356	3306

Nº Orden	Publicaciones	Nº citas
4	Wang, HD; Naghavi, M; Allen, C; Barber, RM; Bhutta, ZA; Carter, A; Casey, DC; Charlson, FJ; Chen, AZ; Coates, MM; Coggeshall, M; Dandona, L; Dicker, DJ; Erskine, HE; Ferrari, AJ; Fitzmaurice, C; Foreman, K; Forouzanfar, MH; Fraser,... Zuhlke, LJ. (2016). Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>The Lancet</i> , 388(10053), 1459-1544. https://doi.org/10.1016/S0140-6736(16)31012-1	3038
5	Klionsky, DJ; Abdalla, FC; Abielovich, H; Abraham, RT; Acevedo-Arozena, A; Adeli, K; Agholme, L; Agnello, M; Agostinis, P; Aguirre-Ghiso, JA; Ahn, HJ; Ait-Mohamed, O; Ait-Si-Ali, S; Akematsu, T; Akira, S; Al-Younes, HM; Al-Zeer, MA; Albert, ML; Albin, RL., ...Zuckerbraun, B. (2012). Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 8(4), 445-544. https://doi.org/10.4161/auto.19496	2595
6	James, SL; Abate, D; Abate, KH; Abay, SM; Abbafati, C; Abbasi, N; Abbastabar, H; Abd-Allah, F; Abdela, J; Abdelalim, A; Abdollahpour, I; Abdulkader, RS; Abebe, Z; Abera, SF; Abil, OZ; Abraha, HN; Abu-Raddad, LJ; Abu-Rmeileh, NME; Accrombessi, MMK,... Murray, CJL. (2018). Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet</i> , 392(10159), 1789-1858. http://doi.org/10.1016/S0140-6736(18)32279-7	2447
7	Forouzanfar, MH; Afshin, A; Alexander, LT; Anderson, HR; Bhutta, ZA; Biryukov, S; Brauer, M; Burnett, R; Cercy, K; Charlson, FJ; Cohen, AJ; Dandona, L; Estep, K; Ferrari, AJ; Frostad, JJ; Fullman, N; Gething, PW; Godwin, WW; Griswold, M., ... Zhu, J. (2016). Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>The Lancet</i> , 388(10053), 1659-1724. https://doi.org/10.1016/S0140-6736(16)31679-8 .	2015
8	Klionsky, DJ; Abielovich, H; Agostinis, P; Agrawal, DK; Aliev, G; Askew, DS; Baba, M; Baehrecke, EH; Bahr, BA; Ballabio, A; Bamber, BA; Bassham, DC; Bergamini, E; Bi, XN; Biard-Piechaczyk, M; Blum, JS; Breclesen, DE; Brodsky, JL; Brumell, JH,... Deter, R.L. (2008). Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 4(2),151-175. https://doi.org/10.4161/auto.5338	1858
9	Bioucas-Dias, JM; Plaza, A; Dobigeon, N; Parente, M; Du, Q; Gader, P; Chanussot, J. (2012). Hyperspectral Unmixing Overview: Geometrical, Statistical, and Sparse Regression-Based Approaches. <i>IEEE Journal of Selected topics in applied earth observations and remote sensing</i> , 5(2), 6200632, 354-379. https://doi.org/10.1109/JSTARS.2012.2194696	1700

Nº Orden	Publicaciones	Nº citas
10	Roth, GA; Abate, D; Abate, KH; Abay, SM; Abbafati, C; Abbasi, N; Abbastabar, H; Abd-Allah, L; Abdela, J; Abdelalim, A; Abdollahpour, I; Abdulkader, RS; Abebe, HT; Abebe, M; Abebe, Z; Abejje, AN; Abera, SF; Abil, OZ; Abraha, HN,... Murray, CJL. (2018). Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet</i> , 392(10159), 1736-1788. https://doi.org/10.1016/S0140-6736(18)32203-7 .	1697
11	Forouzanfar, MH; Alexander, L; Anderson, HR; Bachman, VF; Biryukov, S; Brauer, M; Burnett, R; Casey, D; Coates, MM; Cohen, A; Delwiche, K; Estep, K; Frostad, JJ; Astha, KC; Kyu, HH; Moradi-Lakeh, M; Ng, M; Slepak, EL; Thomas, BA, ... Zhu, S. (2015). Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>The Lancet</i> , 386(10010), 2287-2323. https://doi.org/10.1016/S0140-6736(15)00128-2	1570
12	Stanaway, JD; Afshin, A; Gakidou, E; Lim, SS; Abate, D; Abate, KH; Abbafati, C; Abbasi, N; Abbastabar, H; Abd-Allah, F; Abdela, J; Abdelalim, A; Abdollahpour, I; Abdulkader, RS; Abebe, M; Abebe, Z; Abera, SF; Abil, OZ; Abraha, HN., ... Murray, CJL. (2018). Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet</i> , 392(10159), 1923-1994. https://doi.org/10.1016/S0140-6736(18)32225-6 .	1236
13	Plaza, A., Benediktsson, J.A., Boardman, J.W., Brazile, J., Bruzzone, L., Camps-Valls, G., Chanussot, J., Fauvel, M., Gamba, P., Gualtieri, A., Marconcini, M., Tilton, J.C. & Trianni, G.(2009). Recent advances in techniques for hyperspectral image processing. <i>Remote Sensing of Environment</i> , 113(SUPPL. 1), S110-S122. https://doi.org/10.1016/j.rse.2007.07.028	1205
14	Kassebaum, NJ; Arora, M; Barber, RM; Bhutta, ZA; Carter, A; Casey, DC; Charlson, FJ; Coates, MM; Coggeshall, M; Cornaby, L; Dandona, L; Dicker, DJ; Erskine, HE; Ferrari, AJ; Fitzmaurice, C; Foreman, K; Forouzanfar, MH; Fullman, N; Gething, PW., ... Murray, CJL. (2016). Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>The Lancet</i> , 388(10053), 1603-1658. https://doi.org/10.1016/S0140-6736(16)31460-X	1125

Nº Orden	Publicaciones	Nº citas
15	Murray, CJL; Barber, RM; Foreman, KJ; Ozgoren, AA; Abd-Allah, F; Abera, SF; Aboyans, V; Abraham, JP; Abubakar, I; Abu-Raddad, LJ; Abu-Rmeileh, NM; Achoki, T; Ackerman, IN; Ademi, Z; Adou, AK; Adsuar, JC; Afshin, A; Agardh, EE; Alam, SS,... Vos, T. (2015) Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. <i>The Lancet</i> , 386(10009), 2145-2191. https://doi.org/10.1016/S0140-6736(15)61340-X	1082
16	Bioucas-Dias, JM; Plaza, A; Camps-Valls, G; Scheunders, P; Nasrabadi, NM; Chanussot, J. (2013). Hyperspectral Remote Sensing Data Analysis and Future Challenges. <i>IEEE Geoscience and remote sensing magazine</i> , 1(2), 6-36. https://doi.org/10.1109/MGRS.2013.2244672 .	964
17	Kyu, H.H., Abate, D., Abate, K.H., Abay, S.M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, R.S., Abebe, M., Abebe, Z., Abil, O.Z., Aboyans, V., Abrham, A.R., Abu-Raddad, L.J., Abu-Rmeileh, N.M.E.,..., Murray, C.J.L. (2018). Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: A systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet</i> , 392(10159), 1859-1922. https://doi.org/10.1016/S0140-6736(18)32335-3	896
18	Kassebaum, NJ; Bertozzi-Villa, A; Coggeshall, MS; Shackelford, KA; Steiner, C; Heuton, KR; Gonzalez-Medina, D; Barber, R; Huynh, C; Dicker, D; Templin, T; Wolock, TM; Ozgoren, AA; Abd-Allah, F; Abera, SF; Abubakar, I; Achoki, T; Adelekan, A; Ademi, Z,... Lozano, R. (2014). Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>The Lancet</i> , 384(9947), 980-1004. https://doi.org/10.1016/S0140-6736(14)60696-6	818
19	Griswold, MG; Fullman, N; Hawley, C; Arian, N; Zimsen, SRM; Tymeson, HD; Venkateswaran, V; Tapp, AD; Forouzanfar, MH; Salama, JS; Abate, KH; Abate, D; Abay, SM; Abbafati, C; Abdulkader, RS; Abebe, Z; Aboyans, V; Abrar, MM; Acharya, P, ...Gakidou, E. (2018). Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>The Lancet</i> , 392(10152), 1015-1035. https://doi.org/10.1016/S0140-6736(18)31310-2	770
20	Monje, CA; Vinagre, BM; Feliu, V & Chen, YQ. (2008). Tuning and auto-tuning of fractional order controllers for industry applications. <i>Control Engineering practice</i> , 16(7), 798-812. https://doi.org/10.1016/j.conengprac.2007.08.006	757
21	Cravotto, G; & Cintas, P. Power ultrasound in organic synthesis: moving cavitation chemistry from academia to innovative and large-scale applications. (2006). <i>Chemical Society Reviews</i> , 35(2), 180-196. https://doi.org/10.1039/b503848k	690
22	Iordache, MD; Bioucas-Dias, JM & Plaza, A. (2011). Sparse Unmixing of Hyperspectral Data. <i>IEEE Transactions on Geoscience and remote sensing</i> , 49(6), 2014-2039. https://doi.org/10.1109/TGRS.2010.2098413	663

Nº Orden	Publicaciones	Nº citas
23	Mohan, D., Pittman Jr., C.U., Bricka, M., Smith, F., Yancey, B., Mohammad, J., Steele, P.H., Alexandre-Franco, M.F., Gómez-Serrano, V. & Gong, H. (2007). Sorption of arsenic, cadmium, and lead by chars produced from fast pyrolysis of wood and bark during bio-oil production. <i>Journal of Colloid and Interface Science</i> , 310(1), 57-73 http://10.1016/j.jcis.2007.01.020	660
24	Murray, CJL; Ortblad, KF; Guinovart, C; Lim, SS; Wolock, TM; Roberts, DA; Dansereau, EA; Graetz, N; Barber, RM; Brown, JC; Wang, HD; Duber, HC; Naghavi, M; Dicker, D; Dandona, L; Salomon, JA; Heuton, KR; Foreman, K & Phillips, DE,... Vos, T. (2014). Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>The Lancet</i> , 384(9947), 1005-1070. https://doi.org/10.1016/S0140-6736(14)60844-8	616
25	Lund, MN; Heinonen, M; Baron, CP & Estevez, M. (2011). Protein oxidation in muscle foods: A review. <i>Molecular nutrition & food research</i> , 55(1), 83-95. https://doi.org/10.1002/mnfr.201000453	571
26	delatorre, JG. Hydrodynamic properties of complex, rigid, biological macromolecules- theory and applications (1981). <i>Quarterly Reviews of Biophysics</i> , 14(1), 81-139. https://doi.org/10.1017/S0033583500002080	561
27	Estevez, M. (2011). Protein carbonyls in meat systems: A review. <i>Meat Science</i> , 89,(3), 259-279. https://doi.org/10.1016/j.meatsci.2011.04.025	542
28	Ho, S.Y., Sanchez-Quintana, D., Cabrera, J.A. & Anderson, R.H. (1999). Anatomy of the left atrium: Implications for radiofrequency ablation of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 10(11), 1525-1533. https://doi.org/10.1111/j.1540-8167.1999.tb00211.x	541
29	Feigin, VL; Nichols, E; Alam, T; Bannick, MS; Beghi, E; Blake, N; Culpepper, WJ; Dorsey, ER; Elbaz, A; Ellenbogen, RG; Fisher, JL; Fitzmaurice, C; Giussani, G; Glennie, L; James, SL; Johnson, CO; Kasseebaum, NJ; Logroscino, G; Marin, B,... Vos, T. (2019). Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>The Lancet Neurology</i> , 18(5), 459-480. https://doi.org/10.1016/S1474-4422(18)30499-X	531
30	Plaza, A; Martinez, P; Perez, R; Plaza, J. (2004). A quantitative and comparative analysis of endmember extraction algorithms from hyperspectral data. <i>IEEE Transactions on Geoscience and remote sensing</i> , 42(3), 650-663. https://doi.org/10.1109/TGRS.2003.820314	529
31	Swarup, K; Benkova, E; Swarup, R; Casimiro, I; Peret, B; Yang, Y; Parry, G; Nielsen, E; De Smet, I; Vanneste, S; Levesque, MP; Carrier, D; James, N; Calvo, V; Ljung, K; Kramer, E; Roberts, R; Graham, N; Marillonnet, S; ... Bennett, MJ. (2008). The auxin influx carrier LAX3 promotes lateral root emergence. <i>Nature Cell Biology</i> , 10(8), 946-954. https://doi.org/10.1038/ncb1754	505
32	Péret, B; De Rybel, B; Casimiro, I; Benkova, E; Swarup, R; Laplaze, L; Beeckman, T & Bennett, MJ. (2009). Arabidopsis lateral root development: an emerging story. <i>Trends in plant science</i> , 14(7), 399-408. https://doi.org/10.1016/j.tplants.2009.05.002	504

Nº Orden	Publicaciones	Nº citas
33	Montero, MIM; Cadaval, ER & Gonzalez, FB. (2007). Comparison of control strategies for shunt active power filters in three-phase four-wire systems. <i>IEEE Transactions on power electronics</i> , 22(1), 229-236. https://doi.org/10.1109/TPEL.2006.886616	502
34	Podlubny, I; Petras, I; Vinagre, BM; O'Leary, P & Dorcak, L. (2002). Analogue realizations of fractional-order controllers. <i>Nonlinear dynamics</i> , 29(1-4), 281-296. https://doi.org/10.1023/A:1016556604320	501
35	Casimiro, I; Beeckman, T; Graham, N; Bhalerao, R; Zhang, HM; Casero, P; Sandberg, G & Bennett, MJ. (2003). Dissecting Arabidopsis lateral root development. <i>Trends in plant science</i> , 8(4), 165-171. https://doi.org/10.1016/S1360-1385(03)00051-7	482
36	Li, J; Bioucas-Dias, JM & Plaza, A. (2012). Spectral-Spatial Hyperspectral Image Segmentation Using Subspace Multinomial Logistic Regression and Markov Random Fields. <i>IEEE Transactions on Geoscience and remote sensing</i> , 50(3), 809-823. https://doi.org/10.1109/TGRS.2011.2162649	481
37	Plaza, A; Martinez, P; Perez, R & Plaza, J. Spatial/spectral endmember extraction by multidimensional morphological operations. <i>IEEE Transactions on Geoscience and remote sensing</i> , 40(2), 2025-2041. https://doi.org/10.1109/TGRS.2002.802494	469
38	Tomlinson, IPM; Webb, E; Carvajal-Carmona, L; Broderick, P; Howarth, K; Pittman, AM; Spain, S; Lubbe, S; Walther, A; Sullivan, K; Jaeger, E; Fielding, S; Rowan, A; Vijayakrishnan, J; Domingo, E; Chandler, I; Kemp, Z; Qureshi, M; Farrington, SM, ... Houlston, RS. (2008). A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. <i>Nature Genetics</i> . 40(5), 623-630. https://doi.org/10.1038/ng.111	462
39	Modolell, M; Corraliza, IM; Link, F; Soler, G & Eichmann, K. (1995). Reciprocal regulation of the nitric-oxide synthase arginase balance in mouse bone-marrow-derived macrophages by TH1 and TH2 cytokines. <i>European Journal of Immunology</i> , 25(4), 1101-1104. https://doi.org/10.1002/eji.1830250436	445
40	Ray Dorsey, E; Elbaz, A; Nichols, E; Abd-Allah, F; Abdelalim, A; Adsuar, JC; Ansha, MG; Brayne, C; Choi, JYJ; Collado-Mateo, D; Dahodwala, N; Do, HP; Edessa, D; Endres, M; Fereshtehnejad, SM; Foreman, KJ; Gankpe, FG; Gupta, R; Hankey, GJ, ... Murray, CJL. (2018) Global, regional, and national burden of Parkinson's disease, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>The Lancet Neurology</i> , 17(11), 939-953. https://doi.org/10.1016/S1474-4422(18)30295-3	442
41	Yuste, SB; Acedo, L. (2005). An explicit finite difference method and a new von Neumann-type stability analysis for fractional diffusion equations. <i>Siam Journal on Numerical Analysis</i> , 42(5), 1862-1874. https://doi.org/10.1137/030602666	437
42	Iordache, MD; Bioucas-Dias, JM & Plaza, A. (2012). Total Variation Spatial Regularization for Sparse Hyperspectral Unmixing. <i>IEEE Transactions on Geoscience and remote sensing</i> , 50(11 PART1), 6196219, 4484-4502. https://doi.org/10.1109/TGRS.2012.2191590	436

Nº Orden	Publicaciones	Nº citas
43	De Smet, I; Tetsumura, T; De Rybel, B; Frey, NFD; Laplaze, L; Casimiro, I; Swarup, R; Naudts, M; Vanneste, S; Audenaert, D; Inze, D; Bennett, MJ & Beeckman, T. (2007). Auxin-dependent regulation of lateral root positioning in the basal meristem of <i>Arabidopsis</i> . <i>Development</i> , 134(4), 681-690. https://doi.org/10.1242/dev.02753	428
44	Munder, M., Eichmann, K., Morán, J.M., Centeno, F.(1991). Th1/Th2-regulated expression of arginase isoforms in murine macrophages and dendritic cells. <i>Journal of Immunology</i> , 163(7),3771-3777	428
45	Hicks, JK; Bishop, JR; Sangkuhl, K; Muller, DJ; Ji, Y; Leckband, SG; Leeder, JS; Graham, RL; Chiulli, DL; LLerena, A; Skaar, TC; Scott, SA; Stingl, JC; Klein, TE; Caudle, KE & Gaedigk, A. (2015). Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for CYP2D6 and CYP2C19 Genotypes and Dosing of Selective Serotonin Reuptake Inhibitors. <i>Clinical Pharmacology & Therapeutics</i> , 98(2), 127-134. https://doi.org/10.1002/cpt.147	417
46	Cintas, P.(1995). Synthetic Organoindium Chemistry: What Makes Indium so Appealing?. <i>Synlett</i> , 1995(11), 1087-1096. https://doi.org/10.1055/s-1995-5192	402
47	Corraliza, IM; Campo ML; Soler G & Modolell, M. (1994). Determination of arginase activity in macrophages - a micromethod. <i>Journal of Immunological Methods</i> , 174(1-2), 231-235. https://doi.org/10.1016/0022-1759(94)90027-2	401
48	Munoz, J; Felicisimo, AM; Cabezas, F; Burgaz, AR & Martinez, I. (2004). Wind as a long-distance dispersal vehicle in the Southern Hemisphere. <i>Science</i> , 304(5674), 1144-1147. https://doi.org/10.1126/science.1095210	397
49	Cravotto, G., Boffa, L., Mantegna, S., Perego, P., Avogadro, M. & Cintas, P. (2008). Improved extraction of vegetable oils under high-intensity ultrasound and/or microwaves. <i>Ultrasonics Sonochemistry</i> , 15(5), 898-902. https://doi.org/10.1016/j.ultsonch.2007.10.009	390
50	Laplaze, L; Benkova, E; Casimiro, I; Maes, L; Vanneste, S; Swarup, R; Weijers, D; Calvo, V; Parizot, B; Herrera-Rodriguez, MB; Offringa, R; Graham, N; Doumas, P; Friml, J; Bogusz, D; Beeckman T & Bennett, M. (2007). Cytokinins act directly on lateral root founder cells to inhibit root initiation. <i>Plant Cell</i> , 19(12), 3889-3900. https://doi.org/10.1105/tpc.107.055863	389
51	Prazeres, AR; Carvalho, F; Rivas, J. (2012). Cheese whey management: A review. <i>Journal of Environmental Management</i> , 110, 48-68. https://doi.org/10.1016/j.jenvman.2012.05.018	382
52	Encinar, JM; Gonzalez, JF & Rodriguez-Reinares, A. (2005). Biodiesel from used frying oil. Variables affecting the yields and characteristics of the biodiesel. <i>Industrial & Engineering Chemistry Research</i> , 44(15), 5491-5499. https://doi.org/10.1021/ie040214f	378
53	Li, J; Marpu, PR; Plaza, A; Bioucas-Dias, JM & Benediktsson, JA. Generalized Composite Kernel Framework for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and remote sensing</i> , 51(9), 4816-4829. https://doi.org/10.1109/TGRS.2012.2230268	374

Nº Orden	Publicaciones	Nº citas
54	Sobrino, J.A., Jiménez-Muñoz, J.C., Sòria, G., Romaguera, M., Guanter, L., Moreno, J., Plaza, A. & Martínez, P. (2008). Land surface emissivity retrieval from different VNIR and TIR sensors. <i>IEEE Transactions on Geoscience and remote sensing</i> , 46(2), 316-327. https://doi.org/10.1109/TGRS.2007.904834	371
55	Brey, JJ; Dufty, JW; Kim, CS & Santos, A. (1998). Hydrodynamics for granular flow at low density. <i>Physical Review E</i> , 58(4), 4638-4653. https://doi.org/10.1103/PhysRevE.58.4638	366
56	Li, J; Bioucas-Dias, JM & Plaza, A. (2010). Semisupervised Hyperspectral Image Segmentation Using Multinomial Logistic Regression With Active Learning. <i>IEEE Transactions on geoscience and remote sensing</i> , 48(11), 4085-4098. https://doi.org/10.1109/TGRS.2010.2060550	364
57	Gonzalez, C; Rubio, M; Romero-Vivas, J; Gonzalez, M & Picazo, JJ. (1999). Bacteremic pneumonia due to <i>Staphylococcus aureus</i> : A comparison of disease caused by methicillin-resistant and methicillin-susceptible organisms. <i>Clinical Infectious Diseases</i> , 29(5), 1171-1177. https://doi.org/10.1086/313440	364
58	Encinar, JM; Gonzalez, JF; Rodriguez, JJ & Tejedor, A. (2002). Biodiesel fuels from vegetable oils: Transesterification of <i>Cynara cardunculus</i> L. oils with ethanol. <i>Energy & Fuels</i> , 16(2), 443-450. https://doi.org/10.1021/ef010174h	361
59	Rivera-Utrilla, J; Sanchez-Polo, M; Gomez-Serrano, V; Alvarez, PM; Alvim-Ferraz, MCM & Dias, JM. (2011). Activated carbon modifications to enhance its water treatment applications. An overview. <i>Journal of Hazardous Materials</i> , 187(1-3), 1-23. https://doi.org/10.1016/j.jhazmat.2011.01.033	359
60	Tirado, MM & Garciadelatorre, J. (1980). Rotational-dynamics of rigid, symmetric top macromolecules - application to circular-cylinders. <i>Journal of Chemical Physics</i> , 73(4), 1986-1993. https://doi.org/10.1063/1.440288	349
61	Le Borgne, JF; Bruzual, G; Pello, R; Lanc, A; Rocca-Volmerange, B; Sanahuja, B; Schaeerer, D; Soubiran, C & Vilchez-Gomez, R. (2003). STELIB: A library of stellar spectra at R similar to 2000. <i>Astronomy & Astrophysics</i> , 402(2), 433-442. https://doi.org/10.1051/0004-6361:20030243	348
62	Gonzalez-Pereira, B; Guerrero-Bote, VP & Moya-Anegon, F. (2010). A new approach to the metric of journals' scientific prestige: The S/R indicator. <i>Journal of Informetrics</i> , 4(3), 379-391. https://doi.org/10.1016/j.joi.2010.03.002	347
63	Ho, SY; Cabrera, JA; Tran, VH; Farré, J; Anderson, RH; Sánchez-Quintana, D. (2001). Architecture of the pulmonary veins: relevance to radiofrequency ablation. <i>Heart</i> , 86(3), 265-270. https://doi.org/10.1136/heart.86.3.265	345
64	Romero-Cadaval, E; Spagnuolo, G; Franquelo, LG; Ramos-Paja, CA; Suntio, T & Xiao, WM. (2013). Grid-Connected Photovoltaic Generation Plants Components and Operation. <i>IEEE Industrial Electronics Magazine</i> , 7(3), 6-20. https://doi.org/10.1109/MIE.2013.2264540	331

Nº Orden	Publicaciones	Nº citas
65	Salinas, F; Nevado, JJB & Mansilla, AE. (1990). A new spectrophotometric method for quantitative multicomponent análisis resolution of mixtures of salicylic and salicyluric acids. <i>Talanta</i> , 37(3), 347-351. https://doi.org/10.1016/0039-9140(90)80065-N	331
66	Tirado, MM; García de la Torre, J. (1979). Translational friction coefficients of rigid, symmetric top macromolecules - application to circular-cylinders. <i>Journal of Chemical Physics</i> , 71(6), 2581-2587. https://doi.org/10.1063/1.438613	326
67	Clette, F; Svalgaard, L; Vaquero, JM; Cliver, EW. (2014). Revisiting the Sunspot Number A 400-Year Perspective on the Solar Cycle. <i>Space Science Reviews</i> , 186(1-4), 35-103. https://doi.org/10.1007/s11214-014-0074-2	322
68	Dicker, D; Nguyen, G; Abate, D; Abate, LH; Abay, SM; Abbafati, C; Abbasi, N; Abbastabar, H; Abd-Allah, F; Abdela, J; Abdelalim, A; Abdel-Rahman, O; Abdi, A; Abdollahpour, I; Abdulkader, RS; Abdurrahman, AA; Abebe, HT; Abebe, M; Abebe, Z, ... Murray, CJL. (2018). Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet</i> , 392(10159), 1684-1735. https://doi.org/10.1016/S0140-6736(18)31891-9	321
69	Li, J; Bioucas-Dias, JM & Plaza, A. (2011). Hyperspectral Image Segmentation Using a New Bayesian Approach With Active Learning. <i>IEEE Transactions on Geoscience and remote sensing</i> , 49(10 PART2), art. 5766734, 3947-3960. https://doi.org/10.1109/TGRS.2011.2128330	321
70	Mohan, D; Kumar, H; Sarswat, A; Alexandre-Franco, M & Pittman, CU. (2014). Cadmium and lead remediation using magnetic oak wood and oak bark fast pyrolysis bio-chars. <i>Chemical Engineering Journal</i> , 236, 513-528. https://doi.org/10.1016/j.cej.2013.09.057	310
71	Plaza, A; Martinez, P; Plaza, J & Perez, R. (2005). Dimensionality reduction and classification of hyperspectral image data using sequences of extended morphological transformations. <i>IEEE Transactions on Geoscience and remote sensing</i> , 43(3), 466-479. https://doi.org/10.1109/TGRS.2004.841417	310
72	Canonica, S., Kohn, T., Mac, M., Real, F.J., Wirz, J. & Von Gunten, U. (2005). Photosensitizer method to determine rate constants for the reaction of carbonate radical with organic compounds. <i>Environmental Science and Technology</i> , 39(23), 9182-9188. http://doi.org/10.1021/es051236b	309
73	Santini, A; Ghelardini, L; De Pace, C; Desprez-Loustau, ML; Capretti, P; Chandelier, A; Cech, T; Chira, D; Diamandis, S; Gaitniekis, T; Hantula, J; Holdenrieder, O; Jankovsky, L; Jung, T; Jurc, D; Kirisits, T; Kunca, A; Lygis, V; Malecka, M,... Stenlid, J. (2013). Biogeographical patterns and determinants of invasion by forest pathogens in Europe. <i>New Phytologist</i> , 197(1), 238-250. https://doi.org/10.1111/j.1469-8137.2012.04364.x	308

Nº Orden	Publicaciones	Nº citas
74	Podlubny, I; Chechkin, A; Skovranek, T; Chen, YQ & Jara, BMV. (2009). Matrix approach to discrete fractional calculus II: Partial fractional differential equations. <i>Journal of Computational Physics. Journal of Computational Physics</i> , 228(8), 3137-3153. https://doi.org/10.1016/j.jcp.2009.01.014	306
75	Wille, N., Badia, X., Bonsel, G., Burström, K., Cavrini, G., Devlin, N., Egmar, A.-C., Greiner, W., Gusi, N., Herdman, M., Jelsma, J., Kind, P., Scalone, L. & Ravens-Sieberer, U. (2010). Development of the EQ-5D-Y: A child-friendly version of the EQ-5D. <i>Quality of Life Research</i> , 19(6), 875-886 http://doi.org/10.1007/s11136-010-9648-y	303
76	Gallardo-Lozano, J; Romero-Cadaval, E; Milanes-Montero, MI & Guerrero-Martinez, MA. (2014). Battery equalization active methods. <i>Journal of Power Sources</i> , 246, 934-949. https://doi.org/10.1016/j.jpowsour.2013.08.026	302
77	Macias, D., Gañan, Y., Sampath, T.K., Piedra, M.E., Ros, M.A. (1997). Role of BMP-2 and OP-1 (BMP-7) in programmed cell death and skeletogenesis during chick limb development. <i>Development</i> , 124(6), 1109-1117	300
78	Solana, R; Tarazona, R; Gayoso, I; Lesur, O; Dupuis, G& Fulop, T. (2012). Innate immunosenescence: Effect of aging on cells and receptors of the innate immune system in humans. <i>Seminars in Immunology</i> , 24(5), 331-341. https://doi.org/10.1016/j.smim.2012.04.008	297
79	Ho, S.Y., Anderson, R.H. & Sánchez-Quintana, D. (2002). Atrial structure and fibres: morphologic of atrial conduction. <i>Cardiovascular Research</i> , 54(2), 325-336. https://doi.org/10.1016/S0008-6363(02)00226-2	297
80	Vinagre, BM; Chen, YQ & Petras, I. (2003). Two direct Tustin discretization methods for fractional-order differentiator/integrator. <i>Journal of the Franklin Institute-Engineering and Applied Mathematics</i> , 340(5), 349-362. https://doi.org/10.1016/j.jfranklin.2003.08.001	296
81	Gil, MV; Arevalo, MJ & Lopez, O. (2007). Click chemistry - What's in a name? Triazole synthesis and beyond. <i>Synthesis-Stuttgart</i> , (11), 1589-1620. https://doi.org/10.1055/s-2007-966071	292
82	Mercedes Tirado, M., López Martínez, C., García De La Torre, J. (1984). Comparison of theories for the translational and rotational diffusion coefficients of rod-like macromolecules. Application to short DNA fragments. <i>The Journal of Chemical Physics</i> , 81(4), 2047-2052. https://doi.org/10.1063/1.447827	292
83	Ma, W.-K., Bioucas-Dias, J.M., Chan, T.-H., Gillis, N., Gader, P., Plaza, A.J., Ambikapathi, A. & Chi, C.-Y. (2014). A signal processing perspective on hyperspectral unmixing: Insights from remote sensing. <i>IEEE Signal Processing Magazine</i> , 31(1), art. 6678258, 67-81 https://doi.org/10.1109/MSP.2013.2279731	291
84	Encinar, JM; Gonzalez, JF & Rodriguez-Reinares, A. (2007). Ethanolysis of used frying oil. Biodiesel preparation and characterization. <i>Fuel Processing Technology</i> , 88(5), 513-522. https://doi.org/10.1016/j.fuproc.2007.01.002	291

Nº Orden	Publicaciones	Nº citas
85	Barouki, R; Coumoul, X & Fernandez-Salguero, PM. (2007). The aryl hydrocarbon receptor, more than a xenobiotic-interacting protein. <i>Febs Letters</i> , 581(19), 3608-3615. https://doi.org/10.1016/j.febslet.2007.03.046	289
86	Yuste, S.B. (2006). Weighted average finite difference methods for fractional diffusion equations. <i>Journal of Computational Physics</i> , 216(1), 264-274. https://doi.org/10.1016/j.jcp.2005.12.006	288
87	Gañan, Y., Macias, D., Duterque-Coquillaud, M., Ros, M.A., Hurle, J.M. (1996). Role of TGFβs and BMPs as signals controlling the position of the digits and the areas of interdigital cell death in the developing chick limb autopod. <i>Development</i> , 122(8), 2349-2357	285
88	Gonzalez, F.J., Fernandez-Salguero, P. (1998). The aryl hydrocarbon receptor. Studies using the AHR-null mice. <i>Drug Metabolism and Disposition</i> , 26(12), 1194-1198	284
89	Masson, O., Baeza, A., Bieringer, J., Brudecki, K., Bucci, S., Cappai, M., Carvalho, F.P., Connan, O., Cosma, C., Dalheimer, A., Didier, D., Depuydt, G., De Geer, L.E., De Vismes, A., Gini, L., Groppi, F., Gudnason, K., Gurriaran, R., Hainz, D. & Zhukova, O. (2011). Tracking of airborne radionuclides from the damaged Fukushima Dai-Ichi nuclear reactors by European Networks. <i>Environmental Science and Technology</i> , 45(18), 7670-7677. https://doi.org/10.1021/es2017158	280
90	Corraliza, IM; Soler, G; Eichmann, K & Modolell, M. (1995). Arginase induction by suppressors of nitric-oxide synthesis (IL-4, IL-10 and PGE(2)) in murine bone-marrow-derived macrophages. <i>Biochemical and biophysical research communications</i> , 206(2), 667-673. https://doi.org/10.1006/bbrc.1995.1094	279
91	Garcia-Martinez, V., Schoenwolf, G.C. (1993). Primitive-streak origin of the cardiovascular system in avian embryos. <i>Developmental Biology</i> , 159(2), 706-719 https://doi.org/10.1006/dbio.1993.1276	277
92	Acero, J.L., Stemmler, K., Von Gunten, U. (2000). Degradation kinetics of atrazine and its degradation products with ozone and OH radicals: A predictive tool for drinking water treatment. <i>Environmental Science and Technology</i> , 34(4), 591-597. https://doi.org/10.1021/es990724e	276
93	Ranu, B.C. (2000). Indium metal and its halides in organic synthesis. <i>European Journal of Organic Chemistry</i> , (13), 2347-2356 https://doi.org/10.1002/1099-0690(200007)2000	276
94	Escandar, G.M., Olivieri, A.C., Faber, N.(K.) M., Goicoechea, H.C., Muñoz de la Peña, A. & Poppi, R.J. (2007). Second- and third-order multivariate calibration: data, algorithms and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 26(7), 752-765. https://doi.org/10.1016/j.trac.2007.04.006	275
95	Chen, Y., Vinagre, B.M., Podlubny, I.(2004). Continued fraction expansion approaches to discretizing fractional order derivatives-an expository review. <i>Nonlinear Dynamics</i> , 38(1-4), 155-170. https://doi.org/10.1007/s11071-004-3752-x	275
96	Merino, R., Rodriguez-Leon, J., Macias, D., Gañan, Y., Economides, A.N. & Hurle, J.M. (1999). The BMP antagonist Gremlin regulates outgrowth, chondrogenesis and programmed cell death in the developing limb. <i>Development</i> , 126(23), 5515-5522	274

Nº Orden	Publicaciones	Nº citas
97	Gomez-Pinilla, P.J., Gibbons, S.J., Bardsley, M.R., Lorincz, A., Pozo, M.J., Pasricha, P.J., Van De Rijn, M., West, R.B., Sarr, M.G., Kendrick, M.L., Cima, R.R., Dozois, E.J., Larson, D.W., Ordog, T. & Farrugia, G. (2009). Ano1 is a selective marker of interstitial cells of Cajal in the human and mouse gastrointestinal tract. <i>American Journal of Physiology - Gastrointestinal and Liver Physiology</i> , 296(6), G1370-G1381. https://doi.org/10.1152/ajpgi.00074.2009	273
98	Lee, W; Glaeser, H; Smith, LH; Roberts, RL; Moeckel, GW; Gervasini, G; Leake, BF & Kim, RB. (2005). Polymorphisms in human organic anion-transporting polypeptide 1A2 (OATP1A2) - Implications for altered drug disposition and central nervous system drug entry. <i>Journal of biological chemistry</i> , 280(10), 9610-9617. https://doi.org/10.1074/jbc.M411092200	273
99	Lozano-Tello, A., Gómez-Pérez, A.(2004). ONTOMETRIC: A Method to Choose the Appropriate Ontology. <i>Journal of Database Management</i> , 15(2), 1-18. https://doi.org/10.4018/jdm.2004040101	272
100	Lawn, B.R., Padture, N.P., Cai, H. & Guiberteau, F.(1994). Making ceramics "ductile". <i>Science</i> , 263(5150), 1114-1116. https://doi.org/10.1126/science.263.5150.1114	271
101	Ubeda-Tomás, S., Federici, F., Casimiro, I., Beemster, G.T.S., Bhalerao, R., Swarup, R., Doerner, P., Haseloff, J. & Bennett, M.J. (2009). Gibberellin Signaling in the Endodermis Controls Arabidopsis Root Meristem Size. <i>Current Biology</i> , 19(14), 1194-1199. https://doi.org/10.1016/j.cub.2009.06.023	265
102	Iordache, M.-D., Bioucas-Dias, J.M. & Plaza, A. (2014). Collaborative sparse regression for hyperspectral unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 52(1), 647-1206, 341-354. https://doi.org/10.1109/TGRS.2013.2240001	264
103	Querol, X., Alastuey, A., Moreno, T., Viana, M.M., Castillo, S., Pey, J., Rodríguez, S., Artiñano, B., Salvador, P., Sánchez, M., García Dos Santos, S., Herce Garraleta, M.D., Fernández-Patier, R., Moreno-Grau, S., Negral, L., Minguillón, M.C., Monfort, E., Sanz, M.J., Palomo-Marín, R. & Sánchez de la Campa, A. (2008). Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999-2005. <i>Atmospheric Environment</i> , 42(17), 3964-3979. https://doi.org/10.1016/j.atmosenv.2006.10.071	259
104	Marzal, A; de Lope, F; Navarro, C & Moller, AP. (2005). Malarial parasites decrease reproductive success: an experimental study in a passerine bird. <i>Oecología</i> , 142(4), 541-545. https://doi.org/10.1007/s00442-004-1757-2	259
105	Li, J; Bioucas-Dias, JM & Plaza, A. (2013). Spectral-Spatial Classification of Hyperspectral Data Using Loopy Belief Propagation and Active Learning. <i>IEEE Transactions on Geoscience and remote sensing</i> , 51(2), 844-856. https://doi.org/10.1109/TGRS.2012.2205263	253
106	Carvalho, F; Prazeres, AR & Rivas, J. (2013). Cheese whey wastewater: Characterization and treatment. <i>Science of the total environment</i> , 445-446, 385-396. https://doi.org/10.1016/j.scitotenv.2012.12.038	250

Nº Orden	Publicaciones	Nº citas
107	James, S.L., Bannick, M.S., Montjoy-Venning, W.C., Lucchesi, L.R., Dandona, L., Dandona, R., Hawley, C., Hay, S.I., Jakovljevic, M., Khalil, I., Krohn, K.J., Mokdad, A.H., Naghavi, M., Nichols, E., Reiner, R.C., Smith, M., Feigin, V.L., Vos, T., Murray, C.J.L. & Zaman, S.B. (2019). Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>The Lancet Neurology</i> , 18(1), 56-87. https://doi.org/10.1016/S1474-4422(18)30415-0	249
108	Ghamisi, P., Plaza, J., Chen, Y., Li, J., Plaza, A.J. (2017). Advanced Spectral Classifiers for Hyperspectral Images: A review. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 5(1), art. 7882742, 8-32. https://doi.org/10.1109/MGRS.2016.2616418	248
109	Camello-Almaraz, C; Gomez-Pinilla, PJ; Pozo, MJ & Camello, PJ. (2006). Mitochondrial reactive oxygen species and Ca ²⁺ signaling. <i>American Journal of Physiology-cell physiology</i> , 291(5), C1082-C1088. https://doi.org/10.1152/ajpcell.00217.2006	247
110	Agúndez, JAG. (2004). Cytochrome P450 gene polymorphism and cancer. <i>Current Drug Metabolism</i> , 5(3), 211-224. https://doi.org/10.2174/1389200043335621	246
111	Chuang, YY; Corchado, JC & Truhlar, DG. (1999). Mapped interpolation scheme for single-point energy corrections in reaction rate calculations and a critical evaluation of dual-level reaction path dynamics methods. <i>Journal of the Franklin Institute-Engineering and Applied Mathematics</i> , 103(8), 1140-1149. https://doi.org/10.1021/jp9842493	244
112	Lee, CA; Gasster, SD; Plaza, A; Chang, CI & Huang, B. (2011). Recent Developments in High Performance Computing for Remote Sensing: A Review. <i>IEEE Journal of Selected topics in applied earth observations and remote sensing</i> , 4(3), 508-527. https://doi.org/10.1109/JSTARS.2011.2162643	243
113	Schaepman, ME; Ustin, SL; Plaza, AJ; Painter, TH; Verrelst, J & Liang, S. (2009). Earth system science related imaging spectroscopy-An assessment. <i>Remote sensing of environment</i> , 113, (Suppl. 1), S123-S137. https://doi.org/10.1016/j.rse.2009.03.001	241
114	Péret, B; Swarup, K; Ferguson, A; Seth, M; Yang, YD; Dhondt, S; James, N; Casimiro, I; Perry, P; Syed, A; Yang, HB; Reemmer, J; Venison, E; Howells, C; Perez-Amador, MA; Yun, JG; Alonso, J; Beemster, GTS; Laplaze, L. & Swarup, R. (2012). AUX/LAX Genes Encode a Family of Auxin Influx Transporters That Perform Distinct Functions during Arabidopsis Development. <i>Plant Cell</i> , 24(7), 2874-2885. https://doi.org/10.1105/tpc.112.097766	241
115	Sotelo, J.L., Beltrán, F.J., Benítez, F.J. & Beltrán-Heredia, J. (1989). Henry's law constant for the ozone-water system. <i>Water Research</i> , 23(10), 1239-1246. https://doi.org/10.1016/0043-1354(89)90186-3	239
116	Li, J.; Huang, X.; Gamba, P.; Bioucas-Dias, JM; Zhang, LP; Benediktsson, JA; Plaza, A. (2015). Multiple Feature Learning for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and remote sensing</i> , 53(3), 1592-1606. https://doi.org/10.1109/TGRS.2014.2345739	238

Nº Orden	Publicaciones	Nº citas
117	Lucena, MA; Camargo, R; Andrade, RJ; Perez-Sanchez, CJ & De la Cuesta, FS. (2001). Comparison of two clinical scales for causality assessment in hepatotoxicity. <i>Hepatology</i> , 33(1), 123-130. https://doi.org/10.1053/jhep.2001.20645	238
118	Felicísimo, A; Cuartero, A; Remondo, J; Quiros, E. (2013). Mapping landslide susceptibility with logistic regression, multiple adaptive regression splines, classification and regression trees, and maximum entropy methods: a comparative study. <i>Landslides</i> , 10(2), 175-189. https://doi.org/10.1007/s10346-012-0320-1	236
119	Rivas, FJ. (2006). Polycyclic aromatic hydrocarbons sorbed on soils: A short review of chemical oxidation based treatments. <i>Journal of Hazardous materials</i> , 138(2), 234-251. https://doi.org/10.1016/j.jhazmat.2006.07.048	235
120	Calderón, AJ; Vinagre, BM & Feliu, V. (2006). Fractional order control strategies for power electronic buck converters. <i>Signal Processing</i> , 86(10), 2803-2819. https://doi.org/10.1016/j.sigpro.2006.02.022	235
121	Yuste, SB; Acedo, L & Lindenberg, K. (2004). Reaction front in an A+B -> C reaction-subdiffusion process. <i>Physical Review E</i> , 69(3). https://doi.org/10.1103/PhysRevE.69.036126	233
122	Cintas, P & Luche, JL. (1999). Green chemistry - The sonochemical approach. <i>Green Chemistry</i> , 1(3), 115-125. https://doi.org/10.1039/a900593e	233
123	Gomez-Serrano, V; Pastor-Villegas, J; Perez-Florindo, A & Duran-Valle, C., Valenzuela-Calahorro, C. (1996). FT-IR study of rockrose and of char and activated carbon. <i>Journal of Analytical and applied pyrolysis</i> , 36(1), 71-80. https://doi.org/10.1016/0165-2370(95)00921-3	233
124	Gusi, N., Raimundo, A., Leal, A. (2006). Low-frequency vibratory exercise reduces the risk of bone fracture more than walking: A randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 7(92). https://doi.org/10.1186/1471-2474-7-92	223
125	Solana, R; Pawelec, G & Tarazona, R. (2006). Aging and innate immunity. <i>Innate immunity</i> , 24(5), 491-494. https://doi.org/10.1016/j.innimmuni.2006.05.003	221
126	Ballesteros, HG; Cruz, A; Fernandez, LA; Martin-Mayor, V; Pech, J; Ruiz-Lorenzo, JJ; Tarazona, A; Tellez, P; Ullod, CL & Ungil, C. (2000). Critical behavior of the three-dimensional Ising spin glass. <i>Physical Review B</i> , 62(21), 14237-14245. https://doi.org/10.1103/PhysRevB.62.14237	221
127	Caudle, KE; Klein, TE; Hoffman, JM; Muller, DJ; Whirl-Carrillo, M; Gong, L; McDonagh, EM; Sangkuhl, K; Thorn, CF; Schwab, M; Agundez, JAG; Freimuth, RR; Huser, V; Lee, MTM; Iwuchukwu, OF; Crews, KR; Scott, SA; Wadelius, M; Swen, JJ & Johnson, SG. (2014). Incorporation of Pharmacogenomics into Routine Clinical Practice: the Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline Development Process. <i>Current Drug Metabolism</i> , 15(2), 209-217. https://doi.org/10.2174/1389200215666140130124910	220

Nº Orden	Publicaciones	Nº citas
128	Péret, B; Li, GW; Zhao, J; Band, LR; Voss, U; Postaire, O; Luu, DT; Da Ines, O; Casimiro, I; Lucas, M; Wells, DM; Lazzerini, L; Nacry, P; King, JR; Jensen, OE; Schaffner, AR; Maurel, C & Bennett, MJ. (2012). Auxin regulates aquaporin function to facilitate lateral root emergence. <i>Nature Cell Biology</i> , 14(10), 991-+. https://doi.org/10.1038/ncb2573	219
129	Chen, YQ & Vinagre, BM. (2003). A new IIR-type digital fractional order differentiator. <i>Signal Processing</i> , 83(11), 2359-2365. https://doi.org/10.1016/S0165-1684(03)00188-9	219
130	Chang, CI & Plaza, A. (2006). A fast iterative algorithm for implementation of pixel purity index. <i>IEEE Geoscience and remote sensing letters</i> , 3(1), 63-67. https://doi.org/10.1109/LGRS.2005.856701	218
131	Iniesta, V; Gomez-Nieto, LC & Corraliza, I. (2001). The inhibition of arginase by N-omega-hydroxy-L-arginine controls the growth of Leishmania inside macrophages. <i>Journal of Experimental Medicine</i> , 193(6), 777-783. https://doi.org/10.1084/jem.193.6.777	218
132	Mohan, D., Sarswat, A., Singh, V.K., Alexandre-Franco, M. Development of magnetic activated carbon from almond shells for trinitrophenol removal from water (2011) <i>Chemical Engineering Journal</i> , 172(2-3), pp. 1111-1125 DOI: 10.1016/j.cej.2011.06.054	217
133	Cravotto, G., Cintas, P. (2009). Molecular self-assembly and patterning induced by sound waves. The case of gelation. <i>Chemical Society Reviews</i> , 38(9), 2684-2697. https://doi.org/10.1039/b901840a	217
134	Monje, C.A., Calderon, A.J., Vinagre, B.M., Chen, Y., Feliu, V. On fractional PI λ controllers: Some tuning rules for robustness to plant uncertainties (2004) <i>Nonlinear Dynamics</i> , 38(1-4), pp. 369-381 DOI: 10.1007/s11071-004-3767-3	217
135	Sánchez-Quintana, D; Cabrera, JA; Climent, V; Farre, J; de Mendonca, MC & Ho, SY. (2005). Anatomic relations between the esophagus and left atrium and relevance for ablation of atrial fibrillation. <i>Circulation</i> , 112(10), 1400-1405. https://doi.org/10.1161/CIRCULATIONAHA.105.551291	215
136	Soladoye, OP; Juarez, ML; Aalhus, JL; Shand, P & Estevez, M. (2015). Protein Oxidation in Processed Meat: Mechanisms and Potential Implications on Human Health. <i>Comprehensive reviews in food science and food safety</i> , 14(2), 106-122. https://doi.org/10.1111/1541-4337.12127	212
137	Carrillo, J.A., Benitez, J. (2000). Clinically significant pharmacokinetic interactions between dietary caffeine and medications. <i>Clinical Pharmacokinetics</i> , 39(2), 127-153 https://doi.org/10.2165/00003088-200039020-00004	211
138	Kolaczkowski, ST; Plucinski, P; Beltran, FJ; Rivas, FJ & McLurgh, DB. (1999). Wet air oxidation: a review of process technologies and aspects in reactor design. <i>Chemical Engineering Journal</i> , 73(2), 143-160. https://doi.org/10.1016/S1385-8947(99)00022-4	211
139	Rubio, S., Chamorro, A., Miranda, F.J. (2008). Characteristics of the research on reverse logistics (1995-2005). <i>International Journal of Production Research</i> , 46(4), 1099-1120 http://doi.org/10.1080/00207540600943977	209

Nº Orden	Publicaciones	Nº citas
140	Encinar, JM; Gonzalez, JF & Gonzalez, J. (2000). Fixed-bed pyrolysis of Cynara cardunculus L. - Product yields and compositions. <i>Fuel processing technology</i> , 68(3), 209-222. https://doi.org/10.1016/S0378-3820(00)00125-9	209
141	Beltrán, FJ; Rivas, FJ & Montero-de-Espinosa, R. (2002). Catalytic ozonation of oxalic acid in an aqueous TiO ₂ slurry reactor. Applied catalysis b-environmental, 39(3), 221-231. https://doi.org/10.1016/S0926-3373(02)00102-9	208
142	Kropf, P; Fuentes, JM; Fahnrich, E; Arpa, L; Herath, S; Weber, V; Soler, G; Celada, A; Modolell, M & Muller, I. (2005). Arginase and polyamine synthesis are key factors in the regulation of experimental leishmaniasis in vivo. <i>Faseb Journal</i> , 19(8), 1000-1002. https://doi.org/10.1096/fj.04-3416fje	207
143	Marcaccini, S & Torroba, T. (1993). The use of isocyanides in heterocyclic synthesis – a review. <i>Organic preparations and procedures international</i> , 25(2), 141-208. https://doi.org/10.1080/00304949309457947	207
144	Ganhao, R; Morcuende, D & Estevez, M. (2010). Protein oxidation in emulsified cooked burger patties with added fruit extracts: Influence on colour and texture deterioration during chill storage. <i>Meat Science</i> , 85(3), 402-409. https://doi.org/10.1016/j.meatsci.2010.02.008	206
145	Ruiz, J; Ventanas, J; Cava, R; Andres, A & Garcia, C. (1999). Volatile compounds of dry-cured Iberian ham as affected by the length of the curing process. <i>Meat science</i> , 52(1), 19-27. https://doi.org/10.1016/S0309-1740(98)00144-2	206
146	Sotelo, JL; Beltrán, FJ; Benitez, FJ & Beltranheredia, J. (1987). Ozone decomposition in water - kinetic-study. <i>Industrial & engineering chemistry research</i> , 26(1), 39-43. https://doi.org/10.1021/ie00061a008	205
147	Vinagre, B.M., Petrás, I., Podlubny, I., Chen, Y.Q. (2002). Using fractional order adjustment rules and fractional order reference models in model-reference adaptive control. <i>Nonlinear Dynamics</i> , 29(1-4), 269-279. https://doi.org/10.1023/A	204
148	Sabio, E; Gonzalez, E; Gonzalez, JF; Gonzalez-Garcia, CM; Ramiro, A & Ganan, J. (2004). Thermal regeneration of activated carbon saturated with p-nitrophenol. <i>Carbon</i> , 42(11), 2285-2293. https://doi.org/10.1016/j.carbon.2004.05.007	203
149	Ravens-Sieberer, U., Wille, N., Badia, X., Bonsel, G., Burström, K., Cavrini, G., Devlin, N., Egmar, A.-C., Gusi, N., Herdman, M., Jelsma, J., Kind, P., Olivares, P.R., Scalone, L. & Greiner, W. (2010). Feasibility, reliability, and validity of the EQ-5D-Y: Results from a multinational study. <i>Quality of Life Research</i> , 19(6), 887-897. https://doi.org/10.1007/s11136-010-9649-x	202
150	Miranda, P., Pajares, A., Saiz, E., Tomsia, A.P. (2008). Mechanical properties of calcium phosphate scaffolds fabricated by robocasting. <i>Journal of Biomedical Materials Research - Part A</i> , 85(1), 218-227. https://doi.org/10.1002/jbm.a.31587	202

Nº Orden	Publicaciones	Nº citas
151	Sánchez-Quintana, D., Cabrera, J.A., Climent, V., Farré, J., Weiglein, A. & Ho, S.Y. (2005). How close are the phrenic nerves to cardiac structures? Implications for cardiac interventionalists. <i>Journal of Cardiovascular Electrophysiology</i> , 16(3), 309-313. https://doi.org/10.1046/j.1540-8167.2005.40759.x	202
152	García, C; Berdague, JJ; Antequera, T; Lopezbote, C; Córdoba, JJ & Ventanas, J. (1991). Volatile components of dry cured iberian ham. <i>Food Chemistry</i> , 41(1), 23-32. https://doi.org/10.1016/0308-8146(91)90128-B	200
153	Paoletti, M.E., Haut, J.M., Plaza, J., Plaza, A. (2018). A new deep convolutional neural network for fast hyperspectral image classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 145, 120-147. https://doi.org/10.1016/j.isprsjprs.2017.11.021	200
154	Beltrán, FJ; Aguinaco, A; Garcia-Araya, JF & Oropesa, AL. (2008). Ozone and photocatalytic processes to remove the antibiotic sulfamethoxazole from wáter. <i>Water research</i> , 42(14), 3799-3808. https://doi.org/10.1016/j.watres.2008.07.019	200
155	Agúndez, JosA.G., Ledesma, M.C., Ladero, JosM., Benítez, J. (1995). Prevalence of CYP2D6 gene duplication and its repercussion on the oxidative phenotype in a white population. <i>Clinical Pharmacology and Therapeutics</i> , 57(3), 265-269. https://doi.org/10.1016/0009-9236(95)90151-5	199
156	Murillo-Zamorano, L.R. (2004). Economic efficiency and frontier techniques. <i>Journal of Economic Surveys</i> , 18(1), 33-77. https://doi.org/10.1111/j.1467-6419.2004.00215.x	198
157	Zortea, M., Plaza, A. (2009). Spatial preprocessing for endmember extraction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 47(8), 2610-2618, 2679-2693. https://doi.org/10.1109/TGRS.2009.2014945	197
158	Merino, R., Gañan, Y., Macias, D., Economides, A.N. (1998). Morphogenesis of digits in the avian limb is controlled by FGFs, TGF β s, and noggin through BMP signaling. <i>Developmental Biology</i> , 200(1), 35-45 https://doi.org/10.1006/dbio.1998.8946	196
159	Holbrey, JD; Lopez-Martin, I; Rothenberg, G; Seddon, KR; Silvero, G & Zheng, X. (2008). Desulfurisation of oils using ionic liquids: selection of cationic and anionic components to enhance extraction efficiency. <i>Green chemistry</i> , 10(1), 87-92. https://doi.org/10.1039/b710651c	195
160	Pozo-Guisado, E; Merino, JM; Mulero-Navarro, S; Lorenzo-Benayas, MJ; Centeno, F; Alvarez-Barrientos, A & Salguero, PMF. (2005). Resveratrol-induced apoptosis in MCF-7 human breast cancer cells involves a caspase-independent mechanism with downregulation of Bcl-2 and NF-kappa B. <i>International Journal of cancer</i> , 115(1), 74-84. https://doi.org/10.1002/ijc.20856	194
161	Aguilar, MA; Delvalle, FJO & Tomasi, J. (1993). Nonequilibrium solvation - an ab initio quantum-mechanical method in the continuum cavity model approximation. <i>Journal of Chemical Physics</i> , 98(9), 7375-7384. https://doi.org/10.1063/1.464728	194

Nº Orden	Publicaciones	Nº citas
162	Prieto-Rodríguez, L., Oller, I., Klamerth, N., Agüera, A. (2013). Application of solar AOPs and ozonation for elimination of micropollutants in municipal wastewater treatment plant effluents. <i>Water Research</i> , 47(4), 1521-1528 DOI: 10.1016/j.watres.2012.11.002	193
163	González, J.F., Román, S., Encinar, J.M., Martínez, G. (2009). Pyrolysis of various biomass residues and char utilization for the production of activated carbons. <i>Journal of Analytical and Applied Pyrolysis</i> , 85(1-2), 134-141. https://doi.org/10.1016/j.jaat.2008.11.035	192
164	Peña, FJ; Johannisson, A; Wallgren, M & Martinez, HR. (2003). Antioxidant supplementation in vitro improves boar sperm motility and mitochondrial membrane potential after cryopreservation of different fractions of the ejaculate. <i>Animal Reproduction Science</i> , 78(1-2), 85-98. https://doi.org/10.1016/S0378-4320(03)00049-6	192
165	Rivas, F.J., Beltrán, F.J., Frades, J., Buxeda, P. (2001). Oxidation of p-hydroxybenzoic acid by Fenton's reagent (2001) <i>Water Research</i> , 35(2), 2914, 387-396. https://doi.org/10.1016/S0043-1354(00)00285-2	191
166	Ghamisi, P., Yokoya, N., Li, J., Liao, W. (2017). Advances in Hyperspectral Image and Signal Processing: A Comprehensive Overview of the State of the Art. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 5(4), 8113122, 37-78 http://doi.org/10.1109/MGRS.2017.2762087	190
167	Pozo-Guisado, E; Alvarez-Barrientos, A; Mulero-Navarro, S; Santiago-Josefat, B & Fernandez-Salguero, PM. (2002).The antiproliferative activity of resveratrol results in apoptosis in MCF-7 but not in MDA-MB-231 human breast cancer cells: cell-specific alteration of the cell cycle. <i>Biochemical pharmacology</i> , 64(9), 1375-1386. https://doi.org/10.1016/S0006-2952(02)01296-0	190
168	Gonzalez, G; Sorci, G; Moller, AP; Ninni, P; Haussy, C & De Lope, F. (1999). Immunocompetence and condition-dependent sexual advertisement in male house sparrows (<i>Passer domesticus</i>). <i>Journal of animal ecology</i> , 68(6), 1225-1234. https://doi.org/10.1046/j.1365-2656.1999.00364.x	189
169	Sabio, G; Simon, J; Arthur, C; Kuma, Y; Peggie, M; Carr, J; Murray-Tait, V; Centeno, F; Goedert, M; Morrice, NA & Cuenda, A. (2005). P38 gamma regulates the localisation of SAP97 in the cytoskeleton by modulating its interaction with GKAP. <i>Embo Journal</i> , 24(6), 1134-1145. https://doi.org/10.1038/sj.emboj.7600578	188
170	Rodríguez, E., Onstad, G.D., Kull, T.P.J., Metcalf, J.S., Acero, J.L. & von Gunten, U. (2007). Oxidative elimination of cyanotoxins: Comparison of ozone, chlorine, chlorine dioxide and permanganate. <i>Water Research</i> , 41(15), 3381-3393. https://doi.org/10.1016/j.watres.2007.03.033	187
171	Blanco, M; Blanco, JE; Mora, A; Rey, J; Alonso, JM; Hermoso, M; Hermoso, J; Alonso, MP; Dahbi, G; Gonzalez, EA; Bernardez, MI & Blanco, J. (2003). Serotypes, virulence genes, and intimin types of Shiga toxin (verotoxin)-producing <i>Escherichia coli</i> isolates from healthy sheep in Spain. <i>Journal of Clinical Microbiology</i> , 41(4), 1351-1356. https://doi.org/10.1128/JCM.41.4.1351-1356.2003	187

Nº Orden	Publicaciones	Nº citas
172	Schoenwolf, G.C., Garcia-Martinez, V., Dias, M.S.(1992). Mesoderm movement and fate during avian gastrulation and neurulation. <i>Developmental Dynamics</i> , 193(3), 235-248 https://doi.org/10.1002/aja.1001930304	187
173	Beltrán, F.J., Rivas, F.J. & Montero-De-Espinosa, R.(2005). Iron type catalysts for the ozonation of oxalic acid in water. <i>Water Research</i> , 39(15), 3553-3564. https://doi.org/10.1016/j.watres.2005.06.018	185
174	Jensen, S. (2003). The proterozoic and earliest Cambrian trace fossil record; patterns, problems and perspectives. <i>Integrative and Comparative Biology</i> , 43(1), 219-228. https://doi.org/10.1093/icb/43.1.219	185
175	Brey, JJ; Dufty, JW & Santos, A. (1997). Dissipative dynamics for hard spheres. <i>Journal of statistical physics</i> , 87(5-6), 1051-1066. https://doi.org/10.1007/BF02181270	185
176	Moral, F.J., Terrón, J.M., Silva, J.R.M.d. (2010). Delineation of management zones using mobile measurements of soil apparent electrical conductivity and multivariate geostatistical techniques. <i>Soil and Tillage Research</i> , 106(2), 335-343. https://doi.org/10.1016/j.still.2009.12.002	184
177	Kapczinski, F; Dias, WV; Kauer-Sant'Anna, M; Frey, BN; Grassi-Oliveira, R; Colom, F; Berk, M. (2009). Clinical implications of a staging model for bipolar disorders. <i>Expert review of neurotherapeutics</i> , 9(7), 957-966. https://doi.org/10.1586/ERN.09.31	184
178	Cabrera, J.A., Ho, S.Y., Climent, V., Sánchez-Quintana, D. (2008). The architecture of the left lateral atrial wall: A particular anatomic region with implications for ablation of atrial fibrillation. <i>European Heart Journal</i> , 29(3), 356-362. https://doi.org/10.1093/eurheartj/ehm606	184
179	Plaza, A., Du, Q., Chang, Y.-L., King, R.L. (2011). High Performance Computing for Hyperspectral Remote Sensing. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 4(3), 528-544. https://doi.org/10.1109/JSTARS.2010.2095495	183
180	Vergés, M.A., Costo, R., Roca, A.G., Marco, J.F., Goya, G.F., Serna, C.J., Morales, M.P. (2008). Uniform and water stable magnetite nanoparticles with diameters around the monodomain-multidomain limit. <i>Journal of Physics D: Applied Physics</i> , 41(13), 134003. https://doi.org/10.1088/0022-3727/41/13/134003	183
181	Buorn, E., Bezzeghoud, M., Udfás, A., Pro, C. (2004). Seismic sources on the Iberia-African plate boundary and their tectonic implications. <i>Pure and Applied Geophysics</i> , 161(3), 623-646. https://doi.org/10.1007/s00024-003-2466-1	182
182	Sánchez-González, J., Macías-García, A., Alexandre-Franco, M.F. & Gómez-Serrano, V. (2005). Electrical conductivity of carbon blacks under compression. <i>Carbon</i> , 43(4), 741-747. https://doi.org/10.1016/j.carbon.2004.10.045	182